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Application Number: 10/810,296. Art Unit: 1631. Reply to Office Action of 02/27/07

said  $R_1$  ~~in claim 2~~ < said  $R_2$  ~~in claim 3~~.

Claim 16 (Currently amended): A method as in claim 1 ~~wherein~~ having said current total risk of said disease and said previous total risk of said disease and determining said relative ratio between said current total risk of said disease and said previous total risk of said disease ~~in claim 11~~ so as to yield said relative ratio as a therapeutic efficacy of said disease.

Claim 17 (Currently amended): A method as in claim 1 ~~wherein~~ having above-mentioned claimed methods and said individual's disease risk level and repeating said ~~method in claim 2 through said method in claim 16~~ methods until said disease risk level ~~in claim 12~~ is reduced to a normal level for said individual who requires the therapy to prevent or to treat atherosclerosis-related CHD or stroke.

Claim 18 (Currently amended): A method as in claim 1 ~~wherein said method in claim 2 through said method in claim 16~~ having above-mentioned claimed methods which are written as an executable computer program named said MMA.exe, or another name, to be installed into a general purpose digital computer device to accomplish said methods and to output a

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and to output a result of said methods to a display or a memory or another computer on a network, or to a user comprising:

starting the MMA.exe program on said device;

inputting the currently measured values, the previously measured values and the normal values of the individual's atherosclerosis parameters into the input screen of said MMA.exe by using the keyboard of said device;

clicking the "update" button and the "calc. risk" button of said input screen;

clicking the "evaluate" button of the MMA.exe output screen; and

outputting said output screen to a display or a memory or another computer on a network, or to a user ~~by~~ from said ~~computer~~ device so as to produce a result of said methods, called the screening report containing a total risk of said disease, a disease risk level, a primary cause in said disease, a primary therapy target of said disease, a secondary therapy target of said disease and a therapeutic efficiency, to

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individual who requires the diagnosis, the prevention or the treatment of atherosclerosis-related CHD or stroke.